



**P.V NARSIMHA RAO TELANGANA VETERINARY UNIVERSITY**

**KRISHI VIGYAN KENDRA, MAMNOOR, WARANGAL District**

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Technology transfer is carried out with the help of Krishi Vigyan Kendras. The Krishi Vigyan Kendra, Mamnoor strives to popularize the latest farming technologies to the farmers. It is creating awareness among the farming community on modern farm practices through field demonstrations and trainings. Under Cluster Front-Line Demonstrations (CFLD on Oilseeds & Pulses) newly released crop production and protection technologies and management practices in the farmers field under different agro-climatic regions and farming situations are being taken up. Besides, special programmes such as Skill training programme on Dairy Farmer/ Entrepreneur (ASCI), Skill training of Rural Youth (STRY), Entrepreneurship Development Programme (EDP), Special programme on Renewable Energy sources and Kisan Melas are organized by the Krishi Vigyan Kendra, Mamnoor staff to create awareness and skill development among the rural farmers. The Krishi Vigyan Kendra, Mamnoor is providing extension support to the farmers of Warangal, Hamumakonda, Mulugu and Jayashankar bupalapally districts of Telangana state.

I ensure that, in future also Krishi Vigyan Kendra, Mamnoor will strive hard for upliftment of farming community of Warangal, Hamumakonda, Mulugu and Jayashankar bupalapally districts of Telangana state

**(M.KISHAN KUMAR)**

**Director of ICAR-ATARI Zone -X, Hyderabad Visit**

On 02-11-2024, Hon'ble Dr. Shaik N. Meera, Director of ICAR-ATARI Zone -X, Hyderabad, and Dr. M.Mahender, Director of Extension, PVNRTGVU, have visited the Krishi Vigyan Kendra, Mamnoor (warangal-2). During the visit he along with DE first inaugurated the Information Center of Krishi VigyanKendra. While going through the center he has interacted and enquired with the scientists regarding the technologies displayed in the information center. Later, distributed the agricultural inputs like sprayers, PPE kits, manual seed sowing machine, cono weeders, tarpaulins and wet grinders to the beneficiaries under TSP & SCSP. Following that Farmers Interface on Backyard Poultry -A sustainable Enterprise was inaugurated by Director by lighting of lamp. In inaugural programme he has released QR

Codes use Mahua powder. Subsequently he has interacted with progressive and beneficiary farmers. He emphasized the need & importance of collaborative activities with external agencies like NABARD that could help in reaching the benefits to grass root level effectively. He appreciated the scientists based on feedback of farmers. After visiting the demonstration units with the Director of Extension, the Director released the ornamental fish fingerlings (Moly's) for culture in the KVK nursery pond.



### School Soil Health Programme

On September 12, 2024, KVK, Mamnoor conducted an orientation programme on school soil health at PM Shri Kendriya Vidyalaya in Warangal district. The significance of soil health, the procedures for collecting soil samples, results of soil tests, and how to interpret them were covered in detail by Dr. Ch. Sowmya, SMS (Agronomy). Soil health cards were highlighted by Assistant Director (A) Shri Laxminarayana. This program has involved 60 students and teachers from PM Shri Kendriya Vidyalaya.





## Scientific sheep farming training cum Farmers Mela

KVK, Mamnoor in collaboration with ICAR-NMRI Hyderabad organized a training programme on Scientific sheep rearing cum Farmers Mela. On 11-12-2024 in the KVK premises. Visitors observed the livestock stall, which has Nellore brown and Nellore jodipi rams, Narisuvarna rams and ewes, Deccani rams and ewes, fodder grasses, a chaff cutter, a mineral mixture for small ruminants, Azolla, and many charts pertaining to sheep raising. Chief guest Dr P. Baswareddy, Principal Scientist, NMRI, Hyderabad, lit the lamp to begin the event. In the presence of Drs. M. Kisan Kumar, DE, PVNRTVU, M. Mahender, Former DE, Balakrishna, Joint Director (AH), and N. Rajanna, PC & Head, the booklet on Gorrela Pempakam was released. Because of the high demand for meat, Dr. Baswareddy, suggested that the farmers should start raising sheep on a commercial basis. Farmers are advised by Dr. Kisan Kumar, DE, PVNRTGVU, to use various state and federal programs and to adhere to scientific management practices to obtain high returns. Dr. M. Mahender, Head of the LPM Department, recommended using the training course and putting the knowledge acquired in the field to use. The NLM Scheme was thoroughly discussed by Dr. Balakrishna, DVAHO Warangal. Experts from KVK and LRS, Mamnoor's College of Veterinary Science, have delivered lectures on all aspects of scientific sheep rearing. Two hundred progressive and aspirational farmers attended. The programme was concluded by vote of thanks proposed by Dr N.Rajanna, PC & Head, KVK.



## Special cotton Project activities

As a part of special project on Cotton, ICAR-CICR titled "Targeting technologies to agro-ecological zones- large scale demonstration of best practices to enhance cotton productivity" under NFSM five field days and three training programmes were organized. The details of the activities are as follows

S.N o	Name of the activity	Date	Venue	No. of Participants
1	Field days	17-10-2024	Khilla Warngal, Warangal district	90
2		19-10-2024	Musthalapalli, Dhamera mandal, Hanumakonda district	90
3		08-11-2024	Chandru Thanda, Wardhannapet mandal, Warangal district	91
4		12-11-2024	Singaram, Inavole mandal, Hanumakonda district	180
5		18-11-2024	Anantharam, Geesugonda, Warangal district	110
6	Training Programmes	28-11-2024	Elkurthy havelli, Geesugonda, Warangal district	200
7		7-12-2024	Dhamannapeta, Wardhannapet mandal, Warangal district	130
8		12-12-2024	Damera, Hanumakonda district	142



Field day at Khilla Warangal



Training programme at Dhamannapet



## Capacity building programmes conducted

KVK organized a total of 20 On-campus and 13 Off-campus training programmes for practicing farmers, farm women, Extension functionaries and unemployed rural youth in animal husbandry, agriculture, home science, and aqua culture. A total of 1650 trainees benefitted in these programmes. The training included theoretical classes and practical demonstrations in KVK instructional farm and farmers' fields.



On campus training on fish diseases



On campus training on IPM in Cotton



Off campus backyard poultry training



Off campus training on ICM in Maize



Off campus training on better nutrition



Off campus on Dairy animal management training

## 100 days special Viksit Bharat programmes

As part of the 100-day special Viksit Bharat action plan, a total of 105 farmers and farm women participated in four five-day skill development training programs focused on biopesticide production, backyard poultry farming, scientific sheep rearing, and natural farming. One training session on natural farming was conducted with forty farmers, and a workshop on PM KUSUM was organized that included twenty-six farmers and farm women.





## Sponsored training programmes

KVK, Mamnoor has organized four sponsored training programs that trained 126 farmers, farm women, and youth. The details of the programs are outlined in the table below.

S.No	Title of the training programme	Sponsoring agency	No.of Participants trained	Training coordinator
1	Disease diagnostics & Fish health management (30-9-24 to-5-10-24)	NFDB, Hyderabad	30	Dr G.Ganesh
2	Goat rearing & Management (12 to 18 <sup>th</sup> November 2024)	ATMA, Warangal	28	Dr J.Shashank
3	Value added meat products as an enterprise (26 <sup>th</sup> to 31 <sup>st</sup> November 2024)	ATMA, Warangal	28	Dr R.Arunjyoti
4	Backyard poultry rearing for SC farming community (17 <sup>th</sup> to 21 <sup>st</sup> December 2024)	ICAR-NAARM	40	Dr N Rajanna & Dr J.Shashank Dr J. Saikiran



## Training programme on Pest management of thrips complex in chilli cum input distribution

As a part of MOU between P.V. Narsimha Rao Telangana Veterinary University (PVNRTGVU) and the Technology Alumni Association, IIT Kharagpur (TAA, IITKGP) Hyderabad Chapter a training program focused on pest management for the thrips complex in chili, along with input distribution, was held on November 23, 2024. The program began with a welcome address from Dr. N. Rajanna, PC & Head, who highlighted the goals of the MOU and shared insights regarding expectations from TAA, IITKGP, aimed at benefiting the farming community in the district. During the inaugural speech, Dr. Y.V. Satish, President of TAA, IITKGP, stated that the association would concentrate on helping small-scale farmers increase their yields through the supply of inputs and technological support. Dr. A. Raju, SMS (Plant Protection), conducted the training session and elaborated on the management of the thrips complex in chili. Subsequently, ten knapsack agricultural sprayers were given out to the selected beneficiaries. Representatives from TAA, IITKGP and KVK SMSs have attended the programme.



## Awareness programme on consumer rights and redressal mechanism



An awareness program on consumer rights and redressal mechanisms was held on November 27, 2024. Dr. N. Rajanna, the Program Coordinator and Head, oriented the participants about the importance of consumer awareness. S. Chakrapani, General Secretary of the National Consumer Council, discussed consumer rights from a global perspective. Dr. Sudharshan, President of the State Consumer Forum, addressed the participants regarding their responsibilities as consumers, providing relevant examples. Dr. R. Arunjyoti, SMS (HS), facilitated a session to address the participants' queries. Fifty farmers, rural youth and students have participated in this programme.





## Exposure visit to ICAR-NAARM

As part of a five-day skill development training program on backyard poultry rearing for SC community farmers, forty female trainees visited the ICAR-NAARM campus in Hyderabad on December 20, 2024. This visit was funded by the same organization. Dr. Srinivas Rao, the Director of ICAR-NAARM, interacted with the trainees and distributed certificates of participation. Later, the trainees were taken to various units within NAARM.

In the afternoon, they visited the Poultry Research Station (PRS) of PVNRTGVU and toured the Kisan Mela stalls, which were part of the PJTSAU's diamond jubilee celebrations in Hyderabad. This exposure visit was organized by training coordinators Dr. J. Saikiran, SMS (LPM), and Dr. J. Shashank, SMS (VMD).

## Training programme cum distribution of Backyard poultry

A one-day training program and distribution of backyard poultry (Rajsari) was organized on December 4, 2025, at Kommakuntla Thanda, Parvathagiri Mandal, Warangal District under ICAR-DAPST. Dr. J. Saikiran, SMS (LPM), provided training on housing, feeding, and management practices for poultry from six weeks until egg-laying. Dr. J. Shashank, SMS (VMD), discussed infectious diseases affecting backyard poultry, as well as prevention methods, deworming, and vaccination schedules. Following this, 1,300 six-week-old backyard poultry (Rajasri) were distributed to ninety identified tribal beneficiaries. In addition to these, 6,000 fish fingerlings, bio-inputs including 25 kg of Trichoderma, 25 kg of Pseudomonas, 50 Nutri-garden vegetable kits, 50 pheromone traps, and 3,000 super Napier fodder slips were provided to five farmers. Paddy seed varieties such as Siddhi and RNR-15048 were also distributed to beneficiaries in the adopted village on different occasions.





## Fertility cum Animal Health camp under ICAR-DAPST

KVK Mamnoor, in collaboration with the Department of Veterinary and Animal Husbandry in Warangal, organized a fertility and animal health camp on November 30, 2024, in Chandru Thanda, Wardhannapet Mandal, Warangal District, under the ICAR-DAPST initiative. During this camp, a total of 182 animals were treated, which included deworming for 150 sheep and goats. Additionally, 32 cattle were examined rectally and treated based on the findings. Dr J. Shashank SMS (VMD) created awareness on the vaccination and deworming schedule that should be followed in animals to prevent diseases while Dr. J. Saikiran, SMS (LPM) oriented on cultivation of fodder crops and scientific feeding. The examination of the animals was carried out by Dr. B. Rajender, VAS, PVC, Wardhannapet Mandal; Dr. J. Shashank, SMS (VMD); and Dr. J. Saikiran, SMS (LPM).

### Cluster front line demonstration -Oil seeds

KVK Mamnoor is implementing cluster front-line demonstrations on groundnut and sunflower cultivation under the Krishionnati Yojana scheme, covering 60 hectares & 150 demonstrations for groundnut and 6 hectares & 15 demonstrations for sunflower. As part of this program, TCGS-1694 (Vishishta) groundnut seed was supplied to farmers in seven cluster villages located in the Warangal and Hanumakonda districts. Additionally, training programmes on integrated crop management (ICM) for groundnut crop were conducted, along with regular monitoring field visits. The crop is at vegetative to later vegetative state and recommended to apply gypsum @ 200 /acre.



## Live webcast of PM KISAN programme

KVK, Mamnour organized the live webcast of PM KISAN -18<sup>th</sup> installment of fund release by Hon'ble PM to farmers on 05-10-2024. PM Kisan is a Central Sector scheme with 100% funding from Government of India. The fund will be directly transferred to the bank accounts of the beneficiaries. All KVK Scientists along with 40 farmers have participated in this programme.



## Swachhata Hi seva, 2024 campaign



KVK, Mamnour observed the Swachhata Hi seva, 2024 campaign from 17th September to 1st October 2024- with the theme of 'swabhav Swachhata' - Sanskaar Swachhata. Under this campaign different programmes like Waste to art, cleaning of religious places, formed human chain, waste to wealth etc. As a part of Safai Mitra Suraksha Shivirs Preventive health check up to Safai mitras, fifteen personal protective kits were distributed to Safai mitras and identified the black spots made them cleaned with the help of local people.

## Field day in chilli crop

A field day on Integrated pest management for control of black thrips in chilli crop was conducted on 05-12-2024 at Jayaram Thanda, Rayaparathi mandal, Warangal district under ICAR-DAPST . As a part of this programme Dr. Raju, SMS (PP), demonstrated techniques such as seed treatment, Root dip technique, crop rotation, establishment of blue and white sticky traps, and the application of Beauveria bassiana, Lecanicillium lecanii, and judicious application of chemical insecticides. The event also facilitated valuable farmer-to-farmer knowledge exchange, enhancing the community's pest management strategies and empowering participants with the tools and knowledge needed to improve their chilli crop yields while adopting environmentally friendly practices.





## Janjathiya Gaurav Diwas



KVK Mamnoor celebrated Janjathiya Gaurav Diwas on November 15, 2024, to commemorate the 150th birth anniversary of Dharthi Aaba Bhagwan Birsa Munda. Dr. Ganesh, SMS (Aquaculture), highlighted the contributions of Birsa Munda to the tribal community. He later conducted a capacity-building program focused on feed management practices in fish

## Research articles published

1. Dr. G. Ganesh, Dr. N. Rajanna, Dr. J. Sai Kiran, Dr. J. Shashank, Dr. A. Raju, Dr. Ch. Sowmya and Dr. R. Arunjyoti 2014 Socio-economic profile of fish farmers of Warangal district, Telangana. International Journal of Advanced Biochemistry Research IJABR 2024; SP-8(9): 557-567 NAAS 5.29
2. Raju Agurla, Sowmya chetty, Rajanna Neeradi, Sai Kiaran Jettaboina, Aruna Jyothi Rohidaas 2024 Evaluation of Integrated Pest Management Module in Ground Crop at farmer's fields in Warangal District of Telangana State Legume Research doi10.18805/LR-5410 online first on 10-12-2024 NAAS 6.78
3. Dr. N. Rajanna, Dr. J. Sai Kiran, Dr. J. Shashank, Dr. G. Ganesh, Dr. A. Raju, Dr. CH Soumya and Dr. R. Arunjyoti 2025 Impact analysis of sexed sorted semen technology in field condition of Warangal district of Telangana state. International Journal of Agriculture Extension and Social Development Vol 8 (2): 10-13 NAAS 5.04

## Book chapter published

N. Rajanna, J. Saikiran and J. Shashank Breeds of Pigs of India and its productivity 2024 Good practices principles in Pig farming PP:15-29 Springer International ISBN-13 9789819746644

## Important/Special days celebrated

S.No	Activity	Date
1	World Rabies Day	27-09-2024
2	World Animal Day	04-10-2024
3	World Cotton Day	07-10-2024
4	World Egg Day	11-10-2024
5	World food Day	16-10-2024
6	10 <sup>th</sup> foundation day of PVNRTVU	22-11-2024
7	World Fisheries Day	21-11-2024
8	World Soil Day	05-12-2024
9	Kisan Diwas	23-12-2024

## Other Extension activities conducted

S.No	Name of the Activity	Number
1	Diagnostic visits	26
2	Group Discussions	05
3	Method Demonstrations	07
4	TV Programmes	05
5	Radio programmes	08
6	Popular articles	13
7	Press Notes	85
8	Research papers	04
9	Extension Literature	15



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